

ABSTRACT OF THE DISCLOSURE

A walking beam assembly includes a pair of axles in parallel spaced relation. At least one of the pair of axles being a drop axles having end portions and an intermediate portion that extends between the end portions. The intermediate portion drops down and has a secondary axis which is offset from and substantially parallel to a primary axis provided by the end portions. A pair of walking beams extend in parallel spaced relation between the pair of axles.

Each walking beam has opposed ends, a central transverse pivot axis intermediate the opposed ends, and a longitudinal pivot axis. The opposed ends of each walking beam are secured via connectors on top of the intermediate portion of the at least one drop axle adjacent one of the end portions.

Each of the connectors allow limited pivotal movement about the longitudinal pivot axis of the walking beam.